

GSFC Library Metadata Review Group

April 24, 2003

Purpose

- **Bring together internal metadata stakeholders and external experts to review GSFC Library's metadata efforts**
- **Ensure integration and interoperability with other metadata activities on Center**
- **Ensure compliance with policies or developing policies on Center**
- Aim for interoperability across agencies where exchange or integration might be helpful
- Identify areas of common interest
- Provide opportunities for networking and lessons learned

Metadata Efforts

- Develop a metadata framework that supports the archiving process, preservation, and access across objects and subjects as part of Library's support to GSFC's knowledge management efforts
- Develop GSFC Core Metadata elements
- Develop corresponding content guidelines and domain lists

Project History

- FY2001-2002
 - Initial investigation of relevant digital objects
 - Identification of related projects, standards and best practices
 - Prototypes for capturing project documentation, websites, videos and images
 - Resulted in two reports – state-of-the practice and implementation plan
 - Charter member of the OCLC Digital Co-op

Project History, contd.

- FY2002-2003
 - Videos are being routinely captured and webcasted; indexing being pursued; preservation to be addressed
 - Expanding images to include animations and movies
 - Fine-tuning the spidering to resolve identified issues
 - Developing integrated metadata framework and processes
 - Prototyping with the Earth Observing System portal
 - Working with CCSDS to incorporate additional standards related to archiving
 - Incorporating XML, OAI, ISO 11179 metadata registry, etc.
 - Developing plan for routine operations

Guiding Principles

- OAIS is the overarching model
- Framework and plan should address all object types of interest, even if they can't be archived at the outset
- Standards-based with extensions to handle GSFC-specific information
- Work with related communities of practice to develop standards and best practices where none exist

Guiding Principles, contd.

- Take advantage of other initiatives at GSFC, particularly those related to knowledge management
- Library would act as centralized trusted third-party
- Staged implementation plan